```
=> d his ful; d que sta

     (FILE 'HOME' ENTERED AT 03:32:15 ON 23 JUN 2008)

     FILE 'REGISTRY' ENTERED AT 03:32:19 ON 23 JUN 2008
L1              STRUCTURE UPLOADED
                D
L2          13 SEA SSS SAM L1
L3         293 SEA SSS FUL L1

     FILE 'ZCAPLUS' ENTERED AT 03:33:31 ON 23 JUN 2008
L4          70 SEA ABB=ON  PLU=ON  L3

     FILE 'REGISTRY' ENTERED AT 03:35:57 ON 23 JUN 2008
L5              STRUCTURE UPLOADED
                D
L6          32 SEA SUB=L3 SSS FUL L5

     FILE 'ZCAPLUS' ENTERED AT 03:37:00 ON 23 JUN 2008
L7           1 SEA ABB=ON  PLU=ON  L6
                D BIB


     FILE HOME

     FILE REGISTRY
     Property values tagged with IC are from the ZIC/VINITI data file
     provided by InfoChem.

     STRUCTURE FILE UPDATES:   22 JUN 2008  HIGHEST RN 1029806-10-7
     DICTIONARY FILE UPDATES:  22 JUN 2008  HIGHEST RN 1029806-10-7

     New CAS Information Use Policies, enter HELP USAGETERMS for details.

     TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

        Please note that search-term pricing does apply when
        conducting SmartSELECT searches.

     REGISTRY includes numerically searchable data for experimental and
     predicted properties as well as tags indicating availability of
     experimental property data in the original document.  For information
     on property searching in REGISTRY, refer to:

     http://www.cas.org/support/stngen/stndoc/properties.html

     FILE ZCAPLUS

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```
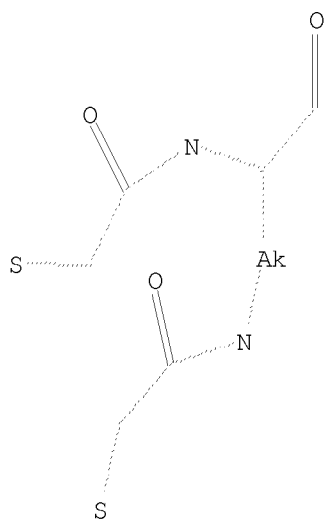
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FILE COVERS 1907 – 23 Jun 2008   VOL 148 ISS 26
FILE LAST UPDATED: 22 Jun 2008   (20080622/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

    This file contains CAS Registry Numbers for easy and accurate
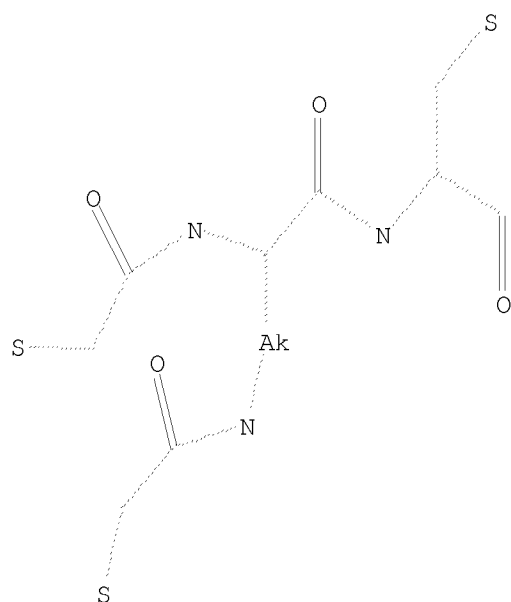   substance identification.

L1   STR

Structure attributes must be viewed using STN Express query preparation.
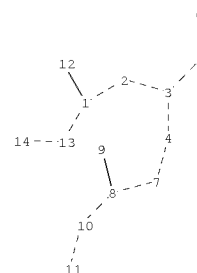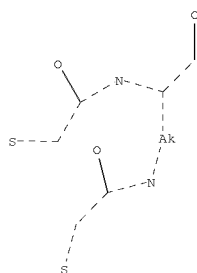L3   293 SEA FILE=REGISTRY SSS FUL L1
L5   STR

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Structure attributes must be viewed using STN Express query preparation.
L6   32 SEA FILE=REGISTRY SUB=L3 SSS FUL L5
L7   1 SEA FILE=ZCAPLUS ABB=ON PLU=ON L6

```
chain nodes :
    1  2  3  4  5  6  7  8  9  10  11  12  13  14
chain bonds :
    1-2  1-12  1-13  2-3  3-4  3-5  4-7  5-6  7-8  8-9  8-10  10-11  13-14
exact/norm bonds :
    1-2  1-12  1-13  2-3  3-4  3-5  4-7  5-6  7-8  8-9  8-10  10-11  13-14


Match level :
    1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS  10:CLASS
    11:CLASS  12:CLASS  13:CLASS  14:CLASS
```
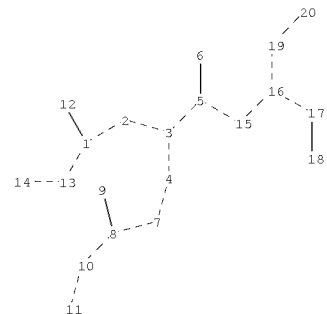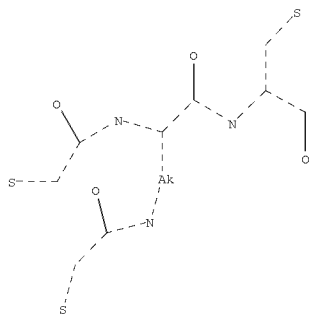
```
chain nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   18
ring nodes :
    16   17   19   20
chain bonds :
    1-2   1-12   1-13   2-3   3-4   3-5   4-7   5-6   5-15   7-8   8-9   8-10   10-11   13-14   15-16   17-18
ring bonds :
    16-17   16-19   19-20
exact/norm bonds :
    1-2   1-12   1-13   2-3   3-4   3-5   4-7   5-6   5-15   7-8   8-9   8-10   10-11   13-14   15-16   16-17
    16-19   17-18   19-20


Match level :
    1:CLASS   2:CLASS   3:CLASS   4:CLASS   5:CLASS   6:CLASS   7:CLASS   8:CLASS   9:CLASS   10:CLASS
    11:CLASS   12:CLASS   13:CLASS   14:CLASS   15:CLASS   16:Atom   17:Atom   18:CLASS   19:Atom   20:Atom
```